IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas J. CAMPANA, Jr. et al

Serial No.:   To Be Assigned

Filed: December 6, 1999
                  (Concurrently Herewith)

For: ELECTRONIC MAIL SYSTEM WITH RF
                  COMMUNICATIONS TO MOBILE PROCESSORS

Group: 2744   (Previous)

Examiner: William Trost (Previous)

PRELIMINARY AMENDMENT AND
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner   December 6, 1999
  for Patents
Washington, D. C.   20231

Sir:

Prior to examination of the above-identified application, please amend the specification as follows:

IN THE SPECIFICATION:

Page i (before Page 1), the Appendix, line 12, change "10-14" to --10-12--.

In the actual Appendix pages, delete the original 15 pages of the Appendix as filed on May 20, 1991 and insert a substitute Appendix which is attached hereto.

Page ii (in the Cross-Reference to Related Applications), line 2, delete "which are";

line 3, delete "filed on even date herewith";

Page ii, line 6, delete the blank line "_____" and
insert therefor --07/702,319, now abandoned, which is a parent
of United States Patent Application Serial 08/247,466, filed
May 23, 1994, now United States Patent 5,438,611.--;

        line 8, after "System" delete "(Attorney
Docket)"

        line 9, delete "No. 780.29766X00)";

        line 11, delete the blank line "_____" and
insert therefor --07/702,938, now U.S. Patent 5,479,472,
issued December 26, 1995,--;

N.E.
doesn't match
        line 11, delete "Attorney" and insert therefor
a period --.--; and

        line 12, delete "(Attorney"; and

        line 13, delete in its entirety and insert
therefor the following:

        --This application is a Continuation of United States
Patent Application Serial No. 09/161,462, filed September 28,
1998, *now U.S. Patent 6,067,457* which is a Continuation of United States Patent
Application Serial No. 08/844,957, filed April 23, 1997, now
U.S. Patent No. 5,819,172; which is a continuation of
United States Patent Application Serial No. 08/443,430, filed
May 18, 1995, now U.S. Patent 5,625,670; which is a
continuation of United States Patent Application Serial No.
07/702,939, filed May 20, 1991, now U.S. Patent 5,436,960.--

        Page 2, line 28, change "switch" to --switches--.

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Page 5, line 31, after "finding" insert --a-- and   change "jacks" to --jack--; and

line 35, delete "and".

Page 6, line 15, delete "is" and insert --to be--.

Page 7, line 22, change "provides worldwide" to --provided--;

line 26, delete "the Assignee's"; and

line 32, change "is" to --was--.

Page 8, line 23, delete "than that provided by the present invention--.

Page 9, line 5, change "is" to --was--; and

line 11, change "are" to --were--.

Page 10, line 16, change "transmitter to --transmitters--; and

line 35, change "utilizes" to --utilized--.

Page 16, line 3, after "and" insert --be--.

Page 18, line 18, after "network" insert a period --.--; and

line 19, delete "invention."

Page 22, line 16, change "transmission" to
--transmissions--.

Page 25, line 14, change "transmission" to
--transmissions--.

Page 27, at both lines 3 and 13, change "transmission" to
--transmissions--.

Page 34, line 9, delete "While the utilization of area";
line 10, delete the line in its entirety;
line 11, delete "of the present invention, it"
and insert therefor --It--; and
line 13, delete "with the present invention".

Page 35, line 16, change "19" to --119--.

Page 36, line 8, change "relays" to --transfers--;
line 11, change "relayed" to --transferred--;
and
line 21, change "relays" to --transfers--.

Page 37, line 19, after "to" insert --an--; and
line 22, change "relay" to --transfer--.

Page 38, line 13, change "relay it" to --transfer the
information--.

Page 39, line 18, change "relays" to --transfers--;

line 26, change "relaying" to --transfer--.

Page 40, line 33, change "relays" to --transfers--.

Page 41, line 10, change "relays" to --transfers--.

Page 43, line 16, change "relaying" to --transferring--.

Page 45, line 1, change "an" to --a--;

line 2, delete "electronic mail"; and

line 11, change "a" to --an--.

Page 46, line 24, change "104" to --314--;

line 28, after "from" insert --one of-- and on the same line, change "processor" to --processors--; and

line 34, after "Fig. 7", delete the handwritten asterisk "*" and the handwritten sentence at the bottom of the page and insert therefor --When the RF receiver is connected to the SAFARI™ computer, the connection is powered by the SAFARI computer.--.

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Page 48, line 4, change "the RF transmissions of" to --RF transmission by--; and

line 21, change "processor" to --processors--.

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Page 49, line 12, change "Fig. 8, but optionally," to --Fig. 8. Optionally,--;

line 15, delete "as";

line 16, delete "illustrated in Fig. 12"; and

line 28, change "functions" to --function--.

Page 50, line 13, change "relays" to --transfers--.

Page 51, line 23, change "relaying" to --transferring--.

Page 52, line 3, change "relaying" to --transfer--

Page 53, line 22, change "is" to --may be--.

Page 54, line 6, change "relaying" to --transferring--.

Page 55, line 33, delete "being".

Page 56, line 1, delete "being".

Page 57, line 21, change "relay" to --transfer--;

line 30, change "10-14" to --10-12--; and

line 32, change "interfaces" to --interfaced--.

IN THE CLAIMS:

Please cancel claim 2-85 without disclaimer or prejudice.

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Please insert new claims 86-124 as follows

86. In a system comprising a communication system which transmits alphanumeric information, inputted in a digital format to the communication system from a processor which is processed by a modulator in the digital format to produce a modulated transmission which is transmitted by the communication system, and a RF system having a plurality of RF receivers which receive broadcasts from at least one broadcast location in the RF system, each broadcast including information contained within the alphanumeric information and an identification of each RF receiver to receive the broadcast, an interface comprising:

at least one input which receives the modulated transmission containing at least the alphanumeric information;

at least one output which outputs a processed output, the processed output including the alphanumeric information and the identification of each RF receiver which is to receive the broadcast alphanumeric information; and

a processor, coupled to the at least one input and to the at least one output, which processes the alphanumeric information to produce the processed output outputted by the at least one output.

87. An interface in accordance with claim 86 wherein:

the processing processes at least the alphanumeric information to produce the processed output.

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88. An interface in accordance with claim 87 wherein:

the processing of the alphanumerical information adds information to the alphanumerical information and the identification of each RF receiver to receive the alphanumerical information with the processed output containing the added information.

89. An interface in accordance with claim 87 wherein:

the identification of each RF receiver is inputted by the processor and

the processing of the alphanumerical information adds information to the alphanumerical information with the processed output containing the added information.

90. An interface in accordance with claim 88 wherein:

the added information is a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

91. An interface in accordance with claim 89 wherein:

the added information is a destination to which the processed output is transmitted within the RF system where broadcast occurs.

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92. An interface in accordance with claim 89 wherein:

the added information comprises a packet containing a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

93. An interface in accordance with claim 90 wherein:

the added information comprises a packet containing a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

94. An interface in accordance with claim 91 wherein:

the added information comprises a packet containing a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

95. An interface in accordance with claim 92 wherein:

the packet also contains a destination of a switch in the RF system to which at least part of the packet is transmitted by the RF system.

96. An interface in accordance with claim 93 wherein:

the packet also contains a destination of a switch in the RF system to which at least part of the packet is transmitted by the RF system.

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97.   An interface in accordance with claim 94 wherein:

the packet also contains a destination of a switch in the RF system to which at least part of the packet is transmitted by the RF system.

98.   An interface in accordance with claim 86 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

99.   An interface in accordance with claim 87 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

100. An interface in accordance with claim 88 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

101. An interface in accordance with claim 89 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

102. An interface in accordance with claim 90 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

103. An interface in accordance with claim 91 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

104. An interface in accordance with claim 92 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

105. An interface in accordance with claim 93 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

106. An interface in accordance with claim 94 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

107. An interface in accordance with claim 95 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

108. An interface in accordance with claim 96 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

109. An interface in accordance with claim 97 wherein:

a security check is performed by the processor comparing an identification of each receiver, which is to receive the information, with actual identifications of RF receivers in the RF system with the processor providing the processed output when a match of the identification of each RF receiver which is to receive the information matches one of the RF receivers in the RF system.

110. A method of transmitting information comprising:

inputting alphanumeric information in a digital format with a processor;

processing the inputted alphanumeric information with a modulator which converts the alphanumeric information into a modulated transmission encoding the alphanumeric information;

transmitting the modulated transmission with a communication system to an interface;

processing the modulated transmission with a processor at the interface to produce a processed output which includes the information and an identification of a RF receiver in a RF system which is to receive a broadcast of the alphanumerical information and an identification of the RF receiver;

transmitting the alpanumerical information and the identification of the RF receiver with the RF system to a broadcast location; and

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broadcasting the alphanumeric information and the
identification of the RF receiver to the RF receiver.

111. A method in accordance with claim 110 wherein:

the processing processes at least the alphanumeric
information to produce the processed output.

112. A method in accordance with claim 111 wherein:

the processing of the alphanumeric information adds
information to the alphanumeric information and the
identification of the RF receiver to receive the
alphanumerical information with the processed output
containing the added information.

113. A method in accordance with claim 111 wherein:

the identification of the RF receiver is inputted
by the processor and;

the processing of the alphanumerical information
adds information to the alphanumerical information with the
processed output containing the added information.

114. A method in accordance with claim 112 wherein:

the added information is a destination to which the
processed output is transmitted within the RF system where the
broadcast occurs.

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115. A method in accordance with claim 113 wherein:

the added information is a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

116. A method in accordance with claim 113 wherein:

the added information comprises a packet containing a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

117. A method in accordance with claim 114 wherein:

the added information comprises a packet containing a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

118. A method in accordance with claim 115 wherein:

the added information comprises a packet containing a destination to which the processed output is transmitted within the RF system where the broadcast occurs.

119. A method in accordance with claim 116 wherein:

the packet also contains a destination of a switch in the RF system to which at least part of the packet is transmitted by the RF system.

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120. A method in accordance with claim 117 wherein:

the packet also contains a destination of a switch in the RF system to which at least part of the packet is transmitted by the RF system.

121. A method in accordance with claim 118 wherein:

the packet also contains a destination of a switch in the RF system to which at least part of the packet is transmitted by the RF system.

122. A method in accordance with claim 110 wherein:

a security check is performed by the processor comparing an identification of the RF receiver, which is to receive the alphanumeric information, with actual identifications of RF receivers in the RF system with the processor at the interface providing the processed output when a match of the identification of the RF receiver which is to receive the alphanumeric information matches one of the RF receivers in the RF system.

123. A method in accordance with claim 110 wherein:

the alphanumeric information is stored in a memory coupled to the RF receiver.

124. A method in accordance with claim 123 wherein:

another processor, coupled to the memory, processes the alphanumeric information stored in the memory.

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REMARKS

The specification has been amended in a manner identical to patent application Serial No. 09/161,462, patent application Serial No. 07/702,939, patent application Serial No. 08/443,430, and patent application Serial No. 08/844,957.

A photocopy of each of the PTO 892 Forms used by the Examiner to make prior art of record in the various Office Actions in the above-referenced applications and a copy of the Information Disclosure Statements submitted with patent application Serial No. 07/702,939, patent application Serial No. 08/443,430, patent application Serial No. 08/844,957, and patent application Serial No. 09/161,462, as filed is submitted for purposes of making the Examiner specifically aware of the prior art cited in all of the above-identified patents. However, it is requested that the Examiner specifically consider and make of record all of the prior art cited in each of the enclosed PTO 892 forms. Copies of the references cited in the enclosed PTO 892 forms are contained in the above-referenced applications to which the Examiner is referred for their consideration pursuant to 37 C.F.R. §1.98(d). However, if these references are not available from the above-referenced files the Applicants will make them available to the Examiner.

The Substitute Appendix contains new numbered pages which are consistent with the description of the page numbers of the Appendix on page i of the specification as amended. The
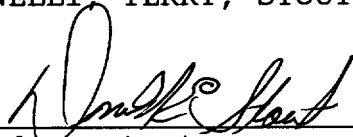
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copyright notices on pages 4 and 10 of the original Appendix have been deleted from pages 4 and 10 of the Substitute Appendix to be consistent with the copyright notice which precedes page 1 of the original and Substitute Appendix. The description of the Appendix on page i of the specification has been amended to refer to pages 10-12 as being the program for controlling the operation of the interface switch. Deleted pages 13 and 14 were not used as the code for controlling the interface.

Claims 86-124 correspond to claims 396-434 of parent patent application Serial No. 09/161,462, which were cancelled to permit prosecution in view of the Examiner's citation of United States Patents 4,994,747 and 4,814,763. Comments on these patents will be cited before the first Office Action.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (780.29643CX4), and please credit any excess fees to such deposit account.

Respectfully submitted,

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